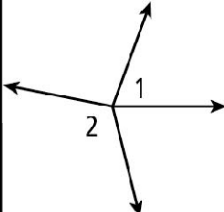
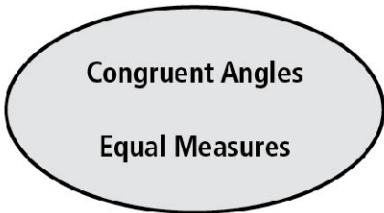


Question	Answer
13.	Hypothesis: If an animal is a tabby. Conclusion: it is a cat.
15.	Hypothesis: 8 ounces of cereal cost \$2.99 Conclusion: 16 ounces of cereal cost \$5.98.
17.	If the batter makes 3 strikes, then the batter is out.
18.	If segs. are \cong , then they have equal measures.
19.	T
21.	T
22.	Converse: If an event is unlikely to occur, then the probability of the event is 0.1; F. Inverse: If the probability of an event is not 0.1, then the event is likely to occur; F. Contrapositive: If an event is likely to occur, then the probability of the event is not 0.1; T.
23.	Converse: If the air temperature is 32°F or less, then freezing rain is falling; F. Inverse: If freezing rain is not falling, then the air temperature is greater than 32°F ; F. Contrapositive: If the air temperature is greater than 32°F , then freezing rain is not falling; T
36.	If $x < -4$, then $x < -1$.
37a.	H: Only you can find it. C: Everything's got a moral.
37b.	If only you can find it, then everything's got a moral.
38.	$x = 5$

Question	Answer
40.	<p>Possible answer:</p> 
44.	If a mineral is not apatite, then it has a hardness less than 5; F.
46.	If a mineral has a hardness of 3, then it is not apatite; T.
48.	<p>Converse: If 2 \angle have the same measure, then they are \cong; T. Inverse: If 2 \angle are not \cong, then they do not have the same measure; T. Contrapositive: If 2 \angle do not have the same measure, then they are not \cong; T.</p> <div data-bbox="313 982 750 1249" style="border: 1px solid black; padding: 10px; text-align: center;">  </div>
49.	Possible answer: A conditional statement is false when its hypothesis is true and its conclusion is false. A conditional statement with a false hypothesis is true because nothing has been guaranteed by the hypothesis.
54.	No lines are pts. No pts. are lines.
55.	Some students are adults. Some adults are students.
57.	3